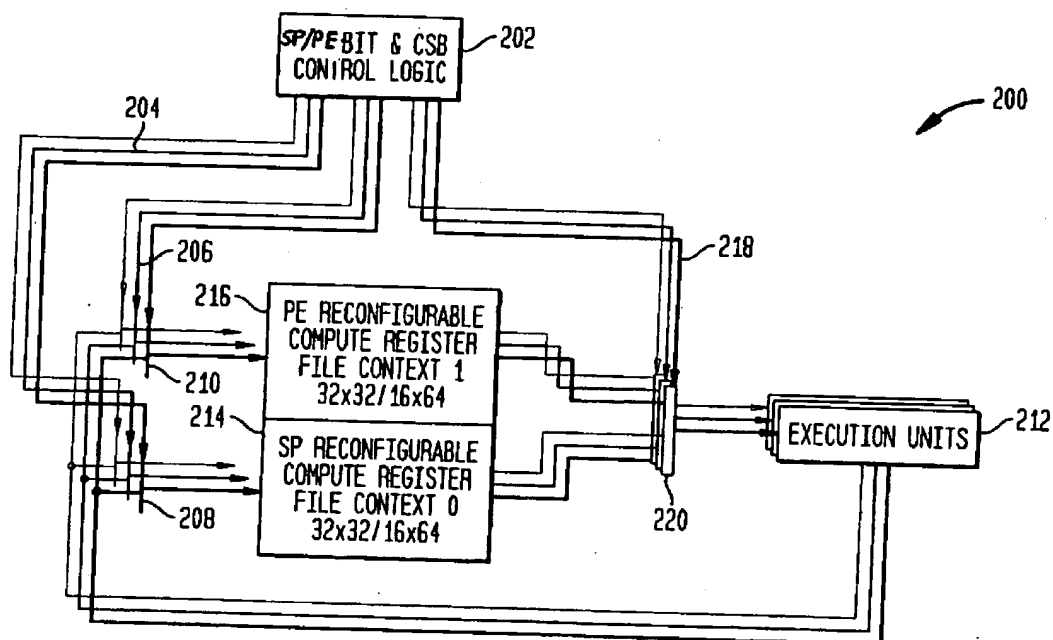


SERIAL NO.: 10/761,564  
PETER H. PRIEST (919-806-1600)

*Replacement Sheet*

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FIG. 2



SERIAL NO. : 10/761,564  
 PETER H. PRIEST (919-806-1600)

*Replacement Sheet*

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FIG. 3

MANARRAY ARCHITECTURE INSTRUCTION TYPE		INSTRUCTION TYPE		INSTRUCTION TYPE	
0	SP ONLY INSTRUCTION	0	SP ONLY INSTRUCTION	0	SP ONLY INSTRUCTION
1	PE ONLY INSTRUCTION	1	PE ONLY INSTRUCTION	1	PE ONLY INSTRUCTION

PHYSICAL MxN	CSB SP/PE	OPERATING MxN	COMMENTS
1x1	0	0	1x1
1x1	0	1	1x1
1x1	1	0	1x0
1x1	1	1	1x0
1x2	0	0	1x2
1x2	0	1	1x2
1x2	1	0	1x1
1x2	1	1	1x1
1x5	0	0	1x5
1x5	0	1	1x5
1x5	1	0	2x2
1x5	1	1	2x2